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UNITED STATES DEPARTMENT OF AGRICULTURE

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

NOVEMBER 1934

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

- *37—A. The Cleveland Provision Co., South Columbus Avenue, Fostoria, Ohio.
- *139. Schlessor Bros., Columbia Boulevard and Tyndall Street (mail P. O. box 5605, Kenton Station), Portland, Oreg.
- *169—A. Roberts & Oake, Inc., Marshalltown, Iowa.

Meat Inspection Withdrawn

- 62. Fostoria Packing Co., South Columbus Avenue, Fostoria, Ohio.
- E77. Schlessor Bros., Kenton Station, Portland, Oreg.
- 156. Metropolitan Hotel Supply Co., 21-25 Ninth Avenue, New York, N. Y.
- 276. Sahlen Packing Co., 318 Howard Street, Buffalo, N. Y.

Meat Inspection Extended

- 3. Swift & Co., Chicago, Ill., to include Irwin Bros., Inc.
- 6—A. Swift & Co., Chicago, Ill., to include Irwin Bros., Inc.
- 6—B. Swift & Co., Chicago, Ill., to include Irwin Bros., Inc.

Change of Name of Official Establishment

- 180. Tennessee Food Products Co., Jefferson Street, Brownsville, Tenn., instead of Sturdivant Packing Co., Inc.

Change of Address of Official in Charge

- Dr. C. J. Young, 315 United States Courthouse, Fort Worth, Tex., instead of 311 Old Post Office Building.

* Conducts slaughtering.

Dr. Thomas Castor, 600 Customhouse Building, Second and Chestnut Streets, Philadelphia, Pa., instead of 1012 Gimbel Building, 35 South Ninth Street.

Dr. H. L. Darby, 503 United States Courthouse, Fort Worth, Tex., instead of S. W. Annex Old Post Office Building.

New Station

Marshalltown, Iowa, meat inspection, Dr. E. W. Burke, care Roberts & Oake, Inc., in charge.

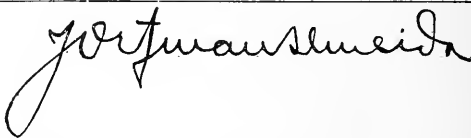
Note

Enforcement of Packers and Stockyards Act has been inaugurated at Des Moines, Iowa, Dr. J. A. Barger, in charge.

NOTICE REGARDING MEAT INSPECTION

FOREIGN MEAT-INSPECTION OFFICIAL

Name and specimen signature of a foreign official who has been authorized by his national government to sign and issue meat-inspection certificates for meat and meat-food products exported to the United States.

Country and name	Signature
Brazil Dr. Joaquim Ortman de Almeida.	

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, OCTOBER 1934¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	21,714	(?)	(?)	-----	67,069
Buffalo.....	30,029	2,486	5,752	-----	54,526
Chicago.....	193,882	61,260	377,403	-----	544,423
Cincinnati.....	23,722	6,826	10,047	-----	60,181
Cleveland.....	12,463	(?)	(?)	-----	39,121
Denver.....	20,458	12,465	(?)	-----	28,836
Detroit.....	7,188	4,894	21,371	-----	59,138
Fort Worth.....	39,770	36,658	66,502	-----	27,853
Kansas City.....	119,090	70,478	301,529	-----	233,685
Milwaukee.....	26,288	47,258	(?)	-----	114,155
National Stock Yards.....	63,957	35,637	69,324	-----	245,078
New York.....	37,104	55,494	256,147	-----	(?)
Omaha.....	109,795	31,587	237,560	-----	139,777
Philadelphia.....	11,605	8,960	21,249	-----	79,703
Sioux City.....	52,082	18,880	126,965	-----	83,513
South St. Paul.....	78,745	76,688	273,532	-----	204,944
All other stations.....	560,170	188,573	841,401	41,168	1,564,153
Total:					
October 1934.....	1,408,062	658,144	2,608,782	41,168	3,546,155
October 1933.....	861,349	455,135	1,668,445	408	3,057,934
10 months ended—					
October 1934.....	10,842,735	6,398,692	14,635,104	46,781	35,367,560
October 1933.....	7,157,501	4,080,812	14,607,505	5,356	38,194,807
New York, Brooklyn, Jersey City, and Newark ³	51,541	71,229	308,190	-----	215,415

¹ Horses slaughtered:

October 1934.....	3,042
October 1933.....	5,602
10 months ended—	
October 1934.....	16,507
October 1933.....	35,109

² Included in "All other stations."

³ The slaughter figures in this group of cities are included in the figures for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspections of lard at all establishments, 98,578,742 inspection pounds; compound and other substitutes, 36,372,681 inspection pounds; sausage, 77,930,104 inspection pounds; oleomargarine, 7,687,952 inspection pounds.

Corresponding inspections for October 1933: Lard, 120,206,952 inspection pounds; compound and other substitutes, 29,084,595 inspection pounds; sausage, 70,727,320 inspection pounds; oleomargarine, 8,782,529 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

CAUSES OF CONDEMNATION OF CARCASSES, SEPTEMBER 1934

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation.....	9,786	2,268	1,306	47
Hog cholera.....				1,373
Inflammatory diseases.....	2,873	659	1,263	1,969
Immaturity.....	3,147	321		
Tuberculosis.....	3,147	36	1	2,535
Other causes.....	3,201	392	1,576	3,586
Total.....	19,007	3,676	4,146	9,510

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, OCTOBER 1934

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during October 1934 with figures for other periods for comparison.

Imports of food animals

Country of origin	Cattle	Swine	Sheep	Goats
Mexico.....	606			1
Canada.....	627	14	65	2
Virgin Islands (to Puerto Rico).....	197	5	1	
Total:				
October 1934.....	1,430	19	66	3
October 1933.....	1,045	13	106	1
10 months ended—				
October 1934.....	53,321	126	2,496	27
October 1933.....	64,598	247	1,018	80

Imports of meats and meat food products

Country of origin	Fresh and refrigerated meats		Canned and cured	Other meat products	Total weight
	Beef	Other			
Argentina.....			1,189,192	311,312	1,500,504
Brazil.....			873,588	299,954	1,173,542
Canada.....	49,109	18,684	37,555	937	106,285
New Zealand.....	413		216	13,019	13,648
Uruguay.....			1,740,624	297,505	2,038,129
Other countries.....			109,075	16,909	125,984
Total:					
October 1934.....	49,522	18,684	3,950,250	939,636	4,958,092
October 1933.....	1,031	22,232	4,494,576	129,232	4,647,071
10 months ended—					
October 1934.....	176,732	155,918	35,058,359	2,201,534	37,592,543
October 1933.....	198,387	432,323	38,525,359	1,026,411	40,182,480

Condemned in October 1934: Beef, 396 pounds; total, 396 pounds.
 Refused entry: Pork, 900 pounds; total 900 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, OCTOBER 1934

State	Tuberculin tests during month		Total to date					Inspector in charge	State official
	Cattle tested	Cattle re-acted	Modified accredited counties		Once tested, free herds	Ac-credited herds	Herds under supervision		
			No.	Pct.					
Ala.....	14,855	8	24	36	101,560	308	101,868	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	4,229	20	0	0	10,117	3	10,242	F. L. Schneider....	C. T. Guilfoyle, Phoenix.
Ark.....	65,917	22	14	19	61,512	4	61,517	S. H. Still.....	C. D. Stubbs, Little Rock.
Calif.....	53,570	5,434	7	12	26,461	81	27,746	W. E. Howe.....	C. U. Duckworth, Sacramento.
Colo.....	36,556	966	0	0	2,500	31	3,000	J. O. Wilson.....	R. M. Gow, Denver.
Conn.....	17,732	1,415	3	38	2,549	10,540	14,574	R. L. Smith.....	Edwin R. Dimock, Hartford.
Del.....	3,923	67	1	33	4,969	2,331	7,704	E. B. Simonds....	Ralph C. Wilson, Dover.
D. C.....	0	0	1	100	45	2	47	A. E. Wight.....	
Fla.....	22,666	52	54	81	31,354	79	37,104	T. W. Cole.....	J. V. Knapp, Tallahassee.
Ga.....	33,937	16	88	55	157,415	43	157,458	A. L. Hirieman....	G. C. Adams, Atlanta.
Idaho.....	1,408	3	44	100	51,264	36	51,303	John T. Dallas....	Thomas W. White, Boise.
Ill.....	106,935	670	102	100	87,774	5,788	241,433	J. J. Lintner.....	J. P. Stout, Springfield.
Ind.....	18,626	105	92	100	182,541	2,018	187,397	H. Busman.....	J. L. Axby, Indianapolis.
Iowa.....	186,871	3,535	88	89	169,600	1,999	190,000	J. A. Barger.....	H. A. Seidell, Des Moines.
Kans.....	49,274	255	65	62	128,917	600	129,671	N. L. Townsend....	J. H. Mercer, Topeka.
Ky.....	6,053	5	120	100	163,647	25	163,747	W. F. Biles.....	D. E. Westmorland, Frankfort.
La.....	1,726	20	0	0	6,183	6	6,521	B. F. Gooch.....	E. P. Flower, Baton Rouge.
Maine.....	3,887	5	16	100	43,049	743	43,817	W. C. Dendering..	H. M. Tucker, Augusta.
Md.....	14,191	87	6	26	25,047	14,441	48,921	E. B. Simonds....	James B. George, Baltimore.
Mass.....	16,602	2,323	4	29	13,682	9,540	24,307	E. A. Crossman....	E. L. Gillett, Boston.
Mich.....	50,919	93	83	100	205,319	61	205,823	T. S. Rich.....	C. H. Clark, Lansing.
Minn.....	260,791	702	81	95	193,951	2,413	197,582	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	13,123	1	15	18	49,370	14	49,428	H. Robbins.....	Charles E. O'Neal, Jackson.
Mo.....	119,691	104	48	42	90,245	200	203,061	Ralph Graham....	Hugh E. Curry, Jefferson City.
Mont.....	8,424	40	124	43	48,464	92	48,651	J. W. Murdoch....	W. J. Butler, Helena.
Nebr.....	22,092	124	49	53	86,898	93	87,009	A. H. Francis....	H. L. Feistner, Lincoln.
Nev.....	0	0	17	100	3,437	4	3,441	R. A. Given.....	Edward Recrods, Reno.
N. H.....	1,888	1	10	100	2,104	15,312	17,419	E. A. Crossman....	A. L. Felker, Concord.
N. J.....	14,517	214	14	19	7,073	12,582	20,224	J. R. Portous....	J. H. McNeil, Trenton.
N. Mex.....	2,797	5	12	39	15,186	8	15,382	F. L. Schneider....	W. A. Naylor, Albuquerque.
N. Y.....	209,078	29,664	32	52	25,753	109,294	149,919	H. B. Leonard....	E. T. Faulder, Albany.
N. C.....	1,481	6	100	100	256,325	234	256,559	A. A. Husman....	William Moore, Raleigh.
N. Dak.....	3,277	26	53	100	75,309	5,284	87,872	H. H. Cohenour....	T. O. Brandenburg, Bismarck.
Ohio.....	55,291	212	88	100	252,000	467	255,525	A. J. De Fosset...	D. C. Hyde, Columbus.
Okla.....	101,836	336	20	25	82,692	107	82,810	L. J. Allen.....	C. C. Hisel, Oklahoma City.
Oreg.....	2,883	26	36	100	104,423	1,421	105,861	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	76,848	2,285	53	79	16,156	8,444	179,343	J. B. Reidy.....	T. E. Munce, Harrisburg.
R. I.....	3,138	165	1	20	1,193	791	2,278	E. A. Crossman....	T. E. Robinson, Providence.
S. C.....	6,719	3	36	73	75,064	107	75,175	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	3,709	66	3	4	5,157	545	5,856	C. H. Hays.....	T. H. Ruth, Pierre.
Tenn.....	21,428	22	70	74	235,118	34	235,237	H. L. Fry.....	A. C. Topmiller, Nashville.
Tex.....	49,070	21	31	12	91,790	130	90,122	H. L. Darby.....	L. C. Crabb, Fort Worth.
Utah.....	548	13	29	100	49,396	127	49,690	F. E. Murray....	W. H. Hendricks, Salt Lake City.
Vt.....	24,548	327	2	14	12,628	11,860	25,278	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	10,609	20	100	100	158,429	712	199,394	R. E. Brookbank..	H. C. Givens, Richmond.
Wash.....	13,192	86	39	100	70,134	56	70,614	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	1,959	13	55	100	112,315	573	114,123	H. M. Newton....	J. B. McLaughlin, Charleston.
Wis.....	65,757	344	71	100	184,858	9,380	194,503	J. S. Healy.....	Walter Wisnicky, Madison.
Wyo.....	631	2	2	9	1,800	5	2,394	W. A. Sullivan....	H. D. Port, Cheyenne.
Total.....	1,805,202	49,932	1,893	62	3,822,773	228,906	4,538,953		

¹ Not including parts of 2 counties.

² Not including 81 towns.

SUMMARY OF BANG'S DISEASE WORK IN COOPERATION WITH STATES, JULY-OCTOBER, 1934¹

State	Agglutination blood tests com- pleted during period		Results of agglutination blood tests during period					Herds under super- vision	Cattle on wait- ing list
	Herds	Cattle	Herds contain- ing in- fection	Total cattle in herds	Reac- tors	Negative			
						Herds	Cattle		
Alabama.....	26	1,195	13	309	275	13	886	37	2,336
Arkansas.....	137	3,144	79	2,558	661	58	586	137	4,000
Connecticut.....	19	889	15	754	178	4	135	19	400
Delaware.....	62	1,815	44	1,243	281	18	572	62	-----
Florida.....	71	2,885	35	1,622	279	36	1,263	71	-----
Illinois.....	4	126	3	89	37	1	37	4	8,241
Indiana.....	242	4,125	142	3,061	840	100	1,064	242	20,026
Iowa.....	319	6,386	208	4,734	1,320	111	1,652	366	-----
Kansas.....	20	1,239	10	648	100	10	591	20	3,000
Kentucky.....	385	6,033	131	835	835	254	5,198	331	10,000
Louisiana.....	10	549	8	504	96	2	45	10	-----
Maryland.....	117	2,916	81	2,421	651	36	495	117	1,342
Massachusetts.....	4	180	3	94	17	1	86	31	1,184
Michigan.....	310	5,850	207	4,318	1,070	103	1,532	310	13,982
Minnesota.....	1,605	26,573	596	12,917	2,595	1,009	13,656	1,625	360,000
Mississippi.....	69	2,970	48	2,582	697	21	388	75	-----
Missouri.....	27	1,363	17	772	125	10	591	24	-----
Montana.....	135	5,980	84	4,860	896	51	1,120	84	811
Nebraska.....	10	1,442	8	1,396	184	2	46	10	1,593
Nevada.....	25	951	16	715	151	9	236	23	-----
New Hampshire.....	1	21	1	21	2	0	0	65	1,922
New Jersey.....	28	1,939	27	1,936	143	1	3	28	1,064
New Mexico.....	14	1,005	13	986	174	1	19	14	300
New York.....	15	317	10	250	104	5	67	15	3,792
North Carolina.....	207	6,584	117	4,537	867	90	2,047	207	7,000
Ohio.....	1,963	28,821	1,130	19,955	6,132	833	8,866	2,671	31,590
Oklahoma.....	938	20,259	543	7,007	2,771	395	13,252	2,339	30,035
Oregon.....	422	5,145	133	2,887	475	289	2,258	422	-----
Pennsylvania.....	163	4,530	112	3,495	684	51	1,035	2,550	41,013
Rhode Island.....	2	130	2	130	19	0	0	10	295
South Carolina.....	15	1,223	8	974	86	7	249	15	1,500
Tennessee.....	82	3,208	52	2,393	587	30	815	82	4,742
Texas.....	19	1,342	11	1,166	222	8	176	19	4,500
Utah.....	42	1,302	34	1,054	153	8	248	42	1,725
Vermont.....	20	902	17	856	276	3	46	20	1,933
Virginia.....	1,486	29,222	520	16,302	2,796	966	12,920	1,498	3,560
Washington.....	919	16,145	398	10,496	2,114	521	5,649	919	-----
West Virginia.....	938	11,378	282	5,292	1,043	656	6,086	984	5,500
Wisconsin.....	1,145	22,101	602	14,449	3,432	543	7,652	1,145	324,600
Total.....	12,016	232,185	5,760	140,618	33,368	6,256	91,567	16,643	891,986

¹ Officials in charge of Bang's disease work are the same as those listed in summary of tuberculosis-eradication work.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, OCTOBER 1934¹

Anti-hog-cholera serum

Period	Hyperimmune blood cleared	Serum completed	Serum pasteurized	Serum released	Serum destroyed
October 1934.....	Cc 64,850,193	Cc 46,550,410	Cc 44,033,190	Cc 19,059,375	Cc 185,874
October 1933.....	68,273,600	79,768,452	69,500,541	71,507,650	310,502
10 months ended:					
October 1934.....	771,287,428	615,347,330	517,707,459	425,419,025	3,226,457
October 1933.....	817,323,741	749,627,863	615,273,731	721,983,500	3,559,361

¹ Oct. 31, 1934, total number of licensed plants under supervision, 83; 47 producing anti-hog-cholera serum and 42 producing other biologics.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, OCTOBER 1934—Continued

Hog-cholera virus

Period	Simultaneous virus	Hyperimmunizing virus	Inoculating virus	Virus destroyed	
				Simultaneous	Hyperimmunizing
	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>
October 1934.....	1,784,456	9,079,752	48,069	153,549	164,265
October 1933.....	2,873,237	14,296,299	47,516	275,960	314,349
10 months ended:					
October 1934.....	37,746,437	118,357,469	499,140	1,608,864	3,014,086
October 1933.....	58,577,979	148,955,525	600,143	1,853,016	4,248,345

Other biologics

Period	Aggressins	Antitoxins	Serums	Bacterins	Vaccines and viruses	Diagnostics
	<i>Doses</i>	<i>Units</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>
October 1934.....	633,808	40,258,500	122,043	2,515,229	608,844	266,342

INSPECTIONS AND TESTS IN THE PREPARATION OF BIOLOGICAL PRODUCTS UNDER LICENSES, OCTOBER 1934

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
October 1934.....	134,593	784	9,653	6,983	165	83
October 1933.....	182,221	1,145	15,383	10,771	268	115
10 months ended:						
October 1934.....	1,792,560	12,813	146,595	94,526	2,703	1,507
October 1933.....	2,165,595	17,820	182,400	116,780	3,083	2,965

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, OCTOBER 1934

License no. 6-A was issued October 10, 1934, to Pitman-Moore Co., division of Allied Laboratories, Inc., near Zionsville, Ind. (mailing address: 1220 Madison Avenue, Indianapolis, Ind.), for antienteritis serum (swine).

License no. 117-A was issued October 26, 1934, to the O. M. Franklin Blackleg Serum Co., Second and Monroe Streets, North Amarillo, Tex., for roup bacterin.

License no. 164 was issued October 11, 1934, to J. F. DeVine Laboratories, Inc., 34½ St. Johns Street, Goshen, N. Y., for mixed bacterin (ovine).

License no. 179 was issued October 15, 1934, to Columbus Vaccine Co., 765 East Hudson Street, Columbus, Ohio, for fowl typhoid-cholera bacterin.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

Stockyards Posted

The Iowa Live Stock Marketing Corporation stockyards, located at Des Moines, Iowa, was posted on November 8, 1934, as coming within the jurisdiction of the Packers and Stockyards Act.

RESULTS OF TICK-ERADICATION WORK, JULY 1, 1906, TO DECEMBER 1, 1934

State	Counties quarantined		Counties released to Dec. 1, 1934	Released counties tick free on—				
	July 1, 1906	Dec. 1, 1934		Nov. 1, 1930	Nov. 1, 1931	Nov. 1, 1932	Nov. 1, 1933	Nov. 1, 1934
Alabama.....	67	0	67	64	67	67	66	67
Arkansas.....	75	0	75	53	55	60	64	63
California.....	15	0	15	15	15	15	15	15
Florida.....	67	11	56	33	41	46	44	48
Georgia.....	158	0	158	158	158	157	158	158
Kentucky.....	2	0	2	2	2	2	2	2
Louisiana.....	64	24	40	10	17	10	14	16
Mississippi.....	82	0	82	78	77	77	79	74
Missouri.....	4	0	4	4	4	4	4	4
North Carolina.....	73	0	73	70	73	73	73	73
Oklahoma.....	61	0	61	61	61	61	60	61
South Carolina.....	46	0	46	46	46	46	46	46
Tennessee.....	42	0	42	42	42	42	42	42
Texas.....	198	36	162	116	113	126	135	130
Virginia.....	31	0	31	31	30	31	31	31
Total.....	985	71	914	783	801	817	833	830

Areas released from Federal quarantine Dec. 1, 1931: Florida, remainder of 3 counties; Louisiana, 12 whole parishes, remainder of 3 parishes, and parts of 2 parishes.

Area requarantined Dec. 1, 1934: None.

Area released from Federal quarantine July 1, 1934: Texas, part of 1 county.

PERMITTED LIME-SULPHUR AND NICOTINE DIPS

List of lime-sulphur and nicotine dips for use in official dipping of cattle and sheep for scabies. Revised to Nov. 30, 1934

Name of dip	Manufacturer
The Adams Lime and Sulphur Dip.	Antiseptic Products Co., Inc., Denver, Colo.
The Anchor Brand Lime and Sulphur Dip.	Do.
Curtis-Folse Lime and Sulphur Solution.	Curtis-Folse Laboratories, 70-72 Central Avenue, Kansas City, Kans.
Devoe Lime and Sulphur Solution.	Devoe & Reynolds, Chicago, Ill.
Dow Lime-Sulphur Solution.....	Dow Chemical Co., Midland, Mich.
Dow Dry Lime Sulphur.....	Do.
Eckman's Lime-Sulphur Solution.	Eckman Chemical Co., Omaha, Nebr.
"Flag Brand" Lime Sulphur Solution.	National Chemical Co., of Calif., San Francisco, Calif.
Grasselli Lime-Sulphur Solution.	Grasselli Chemical Co., Cleveland, Ohio.
Kilsch.....	Sherwin-Williams Co., Cleveland, Ohio.
Lariat Cattle Dip.....	General Chemical Co., New York, N. Y.
Latimer's Lime-Sulphur Solution.	Latimer Chemical Co., Grand Junction, Colo.
Lilly's Lime and Sulphur Solution.	Chas. H. Lilly Co., Seattle, Wash.
Maas Lime-Sulphur Solution....	A. R. Maas Chemical Co., Inc., 305 East Eighth Street, Los Angeles, Calif.
Mission Brand Lime-Sulphur....	Los Angeles Chemical Co., Inc., 2200 Santa Fe Avenue, Los Angeles, Calif.
National Lime and Sulphur Dip.	National Medical Co., Sheldon, Iowa.
Niagara Lime and Sulphur Solution.	Oregon Spray & Gas Co., Portland, Oreg.
Orchard Brand Lime and Sulphur Solution.	General Chemical Co., San Francisco, Calif.
Ortho Sprays Lime-Sulphur Solution.	The California Sprays-Chemical Co., Watsonville, Calif.
Rex Lime and Sulphur Solution.	The Rex Co., Omaha, Nebr.
Richard's Lime and Sulphur Dip	R. D. Richards, Crawford, Nebr.
S. J. Brand Lime Sulphur Solution.	San Jose Spray Manufacturing Co., San Jose, Calif.
Sherwin-Williams Lime Sulphur Solution.	Sherwin-Williams Co., Cleveland, Ohio.
Sherwin-Williams No. 15 Cattle Dip.	Do.
Shur-Shot Cattle Dip.....	The Glidden Co., Cleveland, Ohio.
Springdale Brand Lime-Sulphur Solution.	Benton County Hardware Co., Bentonville, Ark.
Union Lime and Sulphur Solution.	Union Food & Chemical Co., Omaha, Nebr.
Yakima Lime-Sulphur Dip.....	Yakima Valley Spray Co., Yakima, Wash.

¹ Dry lime-sulphur dips.



PERMITTED LIME SULPHUR AND NICOTINE DIPS—Continued

Distributors of lime-sulphur dips

Name of dip	Distributed under name of—	Distributor
Kilscab ¹	Acme Dry Lime Sulphur...	Acme White Lead & Color Works, Detroit, Mich.
Grasselli-Lime-Sulphur Solution. Do.....	Bremco Dip.....	Breeders Supply Co., Council Bluffs, Iowa.
Dow Dry Lime Sulphur ¹	Cooper's Lime-and-Sulphur Dip.	Wm. Cooper & Nephews, Chicago, Ill.
Kilscab ¹	Devoe Dry Lime and Sulphur.	Devoe & Reynolds, Chicago, Ill.
Curts-Folse Lime and Sulphur Solution.	Green Cross Scab Dip.....	Lucas Kil-Tone Co., Vineland, N. J.
Kilscab ¹	Jen-Sal Lime and Sulphur Solution.	Jensen-Salsbery Laboratories, Inc., Kansas City, Mo.
Do.....	Killmange.....	Norden Laboratories, Lincoln, Nebr.
Do.....	Scabex.....	Corn States Serum Co., Omaha, Nebr.
Do.....	Scabi Dip.....	Acme White Lead & Color Works, Detroit, Mich.
Do.....	Devoe & Reynolds Lime-Sulphur.	Devoe & Reynolds Co., Inc., 1 West Forty-seventh Street, New York, N. Y.
Do.....	Amvet-Dip.....	American Veterinary Laboratories, Inc., 1427 Chestnut Avenue, Kansas City, Mo.

¹ Dry lime-sulphur dips.*Nicotine dips*

Name of dip	Manufacturer
Black Leaf 40.....	Tobacco By-Products & Chemical Corporation, Louisville, Ky.
Dip Tobacco.....	Consumers Tobacco Co., Albuquerque, N. Mex.
Nicotinum, ANCO Brand.....	American Nicotine Co., Henderson, Ky.
N. P. C. Nicotine Sulphate.....	Nicotine Production Corporation, Clarksville, Tenn.
Scabeura.....	Nicotin Manufacturing Co., St. Louis, Mo.

Distributors of nicotine dips

Name of dip	Distributed under name of—	Distributor
N. P. C. Nicotine Sulphate...	Bowker's Nicotine Sulphate.	Bowker Chemical Co., 419 Fourth Avenue, New York, N. Y.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Twenty-eight Hour Law

Baltimore & Ohio Railroad Co., \$100 penalty.
 Pennsylvania Railroad Co. (2 cases), \$200 penalties,
 Southern Railway Co., \$100 penalty.
 Texas & New Orleans Railroad Co. (2 cases), \$200 penalties.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 1491 (slightly revised) Breeds of Dogs. By S. R. Speelman and J. O. Williams, Animal Husbandry Division. Pp. 46, figs. 34.

Amendment 4 to B. A. I. Order 346. Declaring Names of Counties Placed in Modified Accredited Area for Tuberculosis. Effective November 1, 1934. P. 1, mimeographed.

Statistical Tables and Maps Showing Progress in Eradicating Tuberculosis from Livestock in the United States. Pp. 14, mimeographed.

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